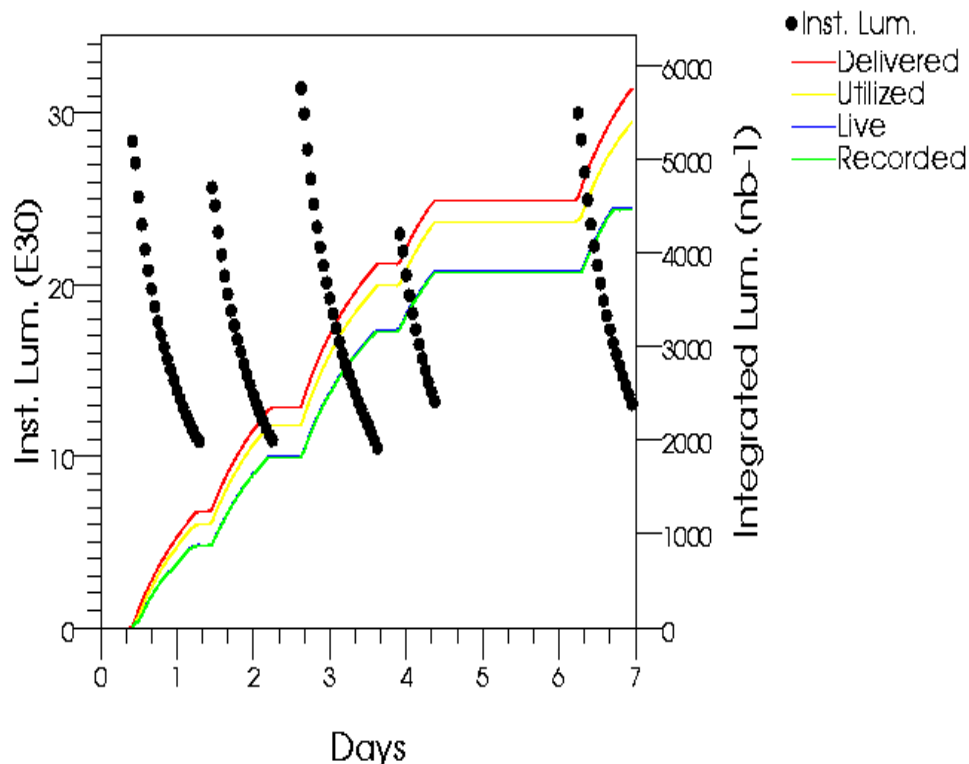
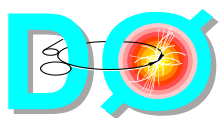


Week of December 23 to December 30 D0 Summary

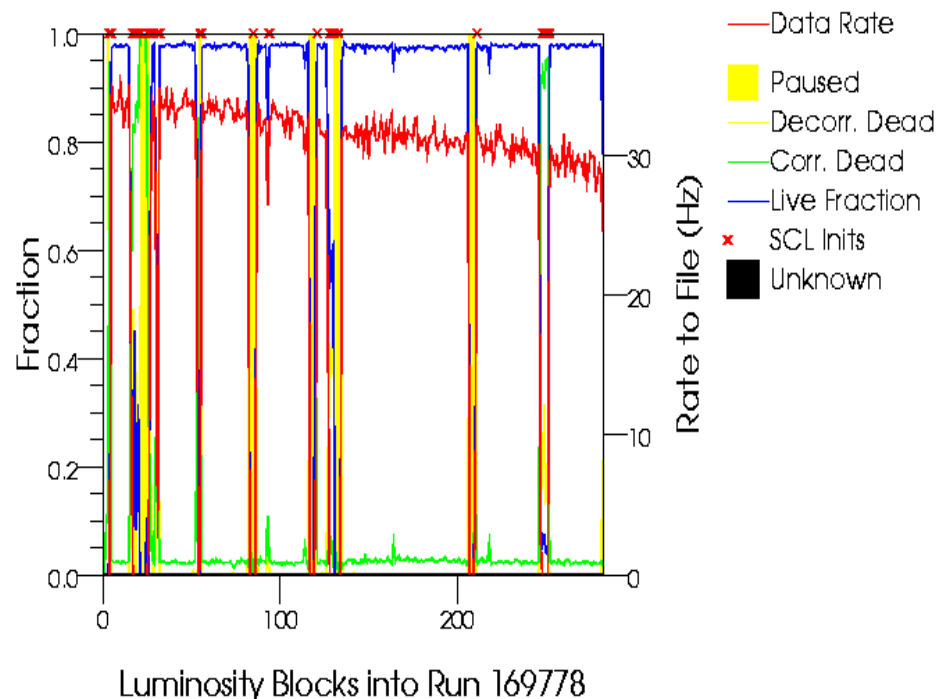
- Delivered luminosity and data taking efficiency
 - ♦ Delivered: 5.8pb^{-1}
 - ♦ Recorded: 4.8pb^{-1} (83%)
 - ▲ Global runs 4.5pb^{-1} (78%)
- Data taking efficiency
 - ♦ typical global runs efficiency is 85%-95%
 - ♦ quite a few special runs
 - ♦ have had runs with efficiency in the 98% range
- Number of events collected
 - ♦ 11 mln events
- Accelerator halo
 - ♦ within specifications



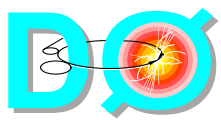


Data Taking and Triggering

- Running physics trigger list 9.50 for the last 2 weeks
 - ♦ stable
- Typical global run trigger rates
 - ♦ L1 trigger $\sim 0.6\text{kHz}$
 - ♦ L2 trigger $\sim 250\text{Hz}$
 - ♦ L3 trigger (to tape) $\sim 50\text{ Hz}$
- Currently most serious issues limiting our trigger rates
 - ♦ muon readout
 - ▲ readout code is still in process of been re-written
 - ▲ More manpower is allocated
 - ▲ Implementing detailed testing of the code before it is used for data taking
- Issues affected our downtime last week (~ 4 hours) total
 - ♦ No problems in excess of ~ 1 hour
 - ♦ L2 trigger downtime (problems during begin store)
- Before Sunday store lost calorimeter power supply in the hall
 - ♦ Forced us to collect mainly special runs on Sunday
 - ♦ Procedure for major problems resolution has been established



3 out of 4 best Run II runs have been collected over last week!



Summary

- DØ experiment is progressing well with physics data taking (even during Holidays...)
 - ♦ trigger list 9.50 is running on-line
 - ♦ 11 mln events collected last week
- DØ weekly data taking efficiency exceeded 80% for the first time in Run II
 - ♦ no major software/hardware problems (lack of experts did not hurt)
 - ♦ running in the "stability" region of the L1/L2 rates
 - ♦ downtime is on the level of ~5% for the week
- While finishing data collection for the winter Conferences preparations for January shutdown are progressing on schedule
 - ♦ Daily plan is developed
 - ♦ All major jobs identified and resources allocated
 - ♦ Planning to finish all major jobs by the end of 3.5 weeks shutdown

Happy New Year to everybody from DØ!